

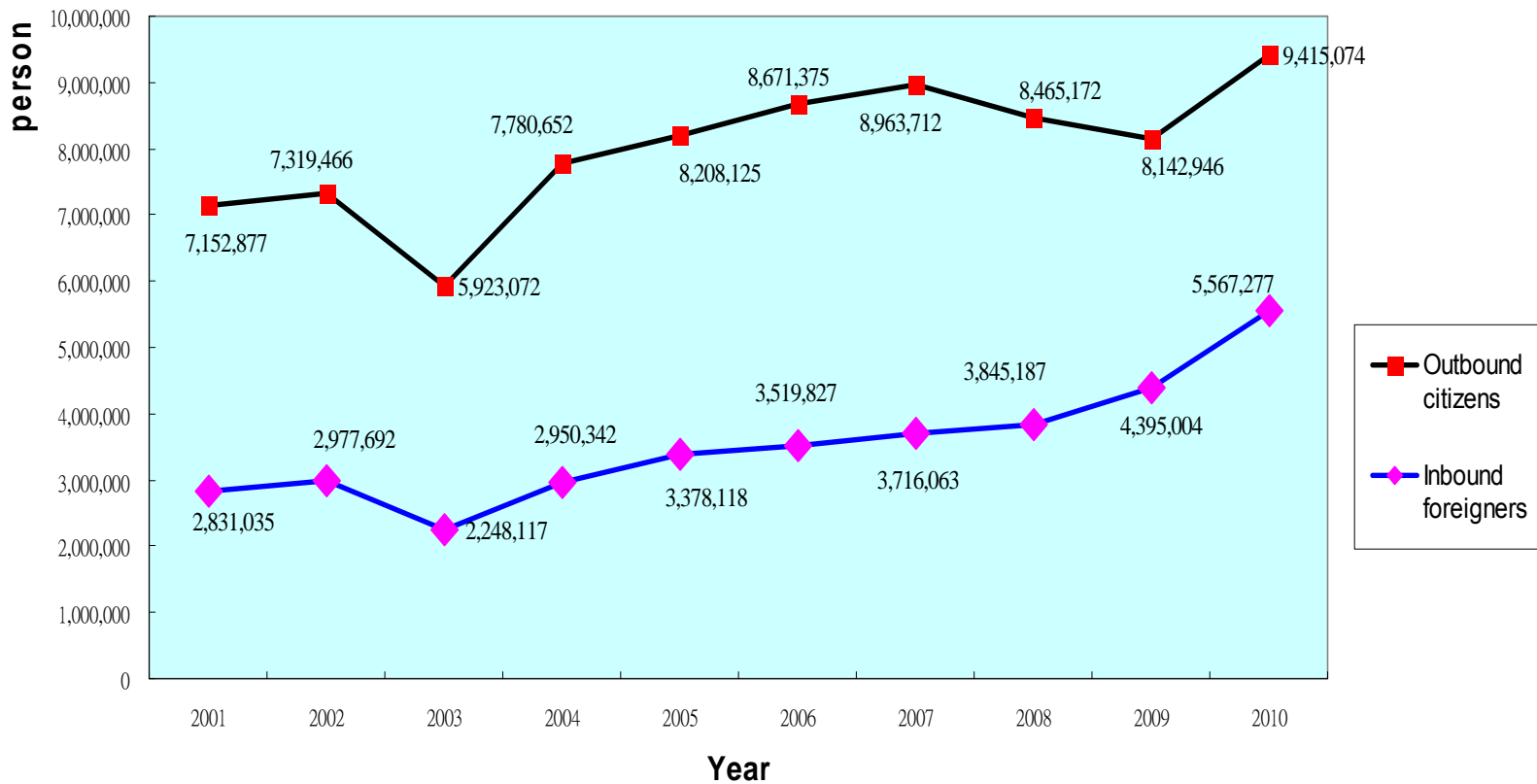


Development of Travel Medicine in Chinese Taipei

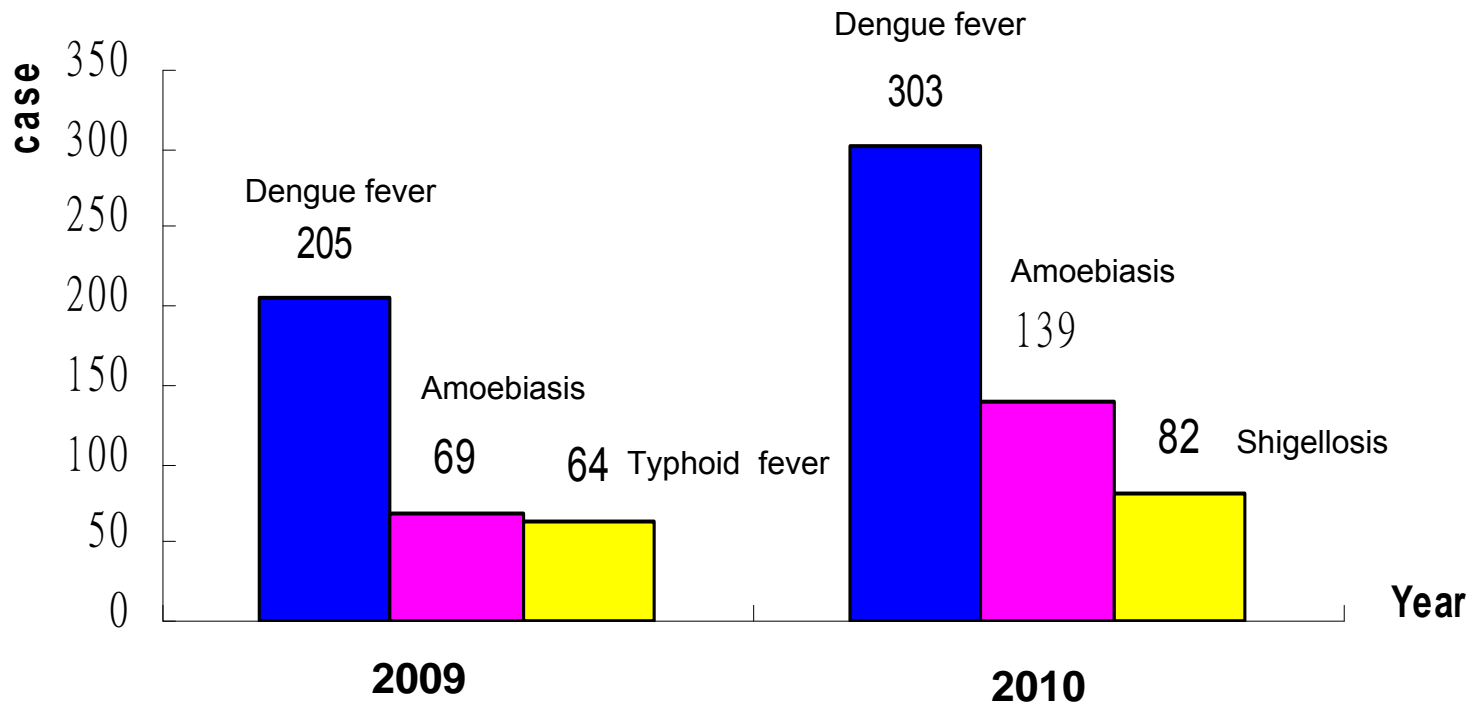
Li-Gin Wu
Centers for Disease Control
Chinese Taipei

APEC EInet Videoconference
Trade and Travel Impacts of Infectious Diseases
November 11, 2011

Annual numbers of outbound citizens and inbound foreigners, 2001-2010



Top three imported infectious diseases, 2009-2010



Top three countries responsible for most imported cases

2009: Indonesia, Vietnam, China

2010: Indonesia, Vietnam, Philippines



Lessons from SARS: five lines of defense

1. Containment Abroad

- ✓ Offer health information to travelers
- ✓ Track and update international epidemics
- ✓ Provide travel alerts

2. Border Control

- ✓ Entry screening
 - Reinforce quarantine inspection at ports for inbound passengers
 - Flight deferrals or cancellations
- ✓ Onboard quarantine inspection
- ✓ Exit screening
 - Departure Screening
 - Travel restriction (TB)

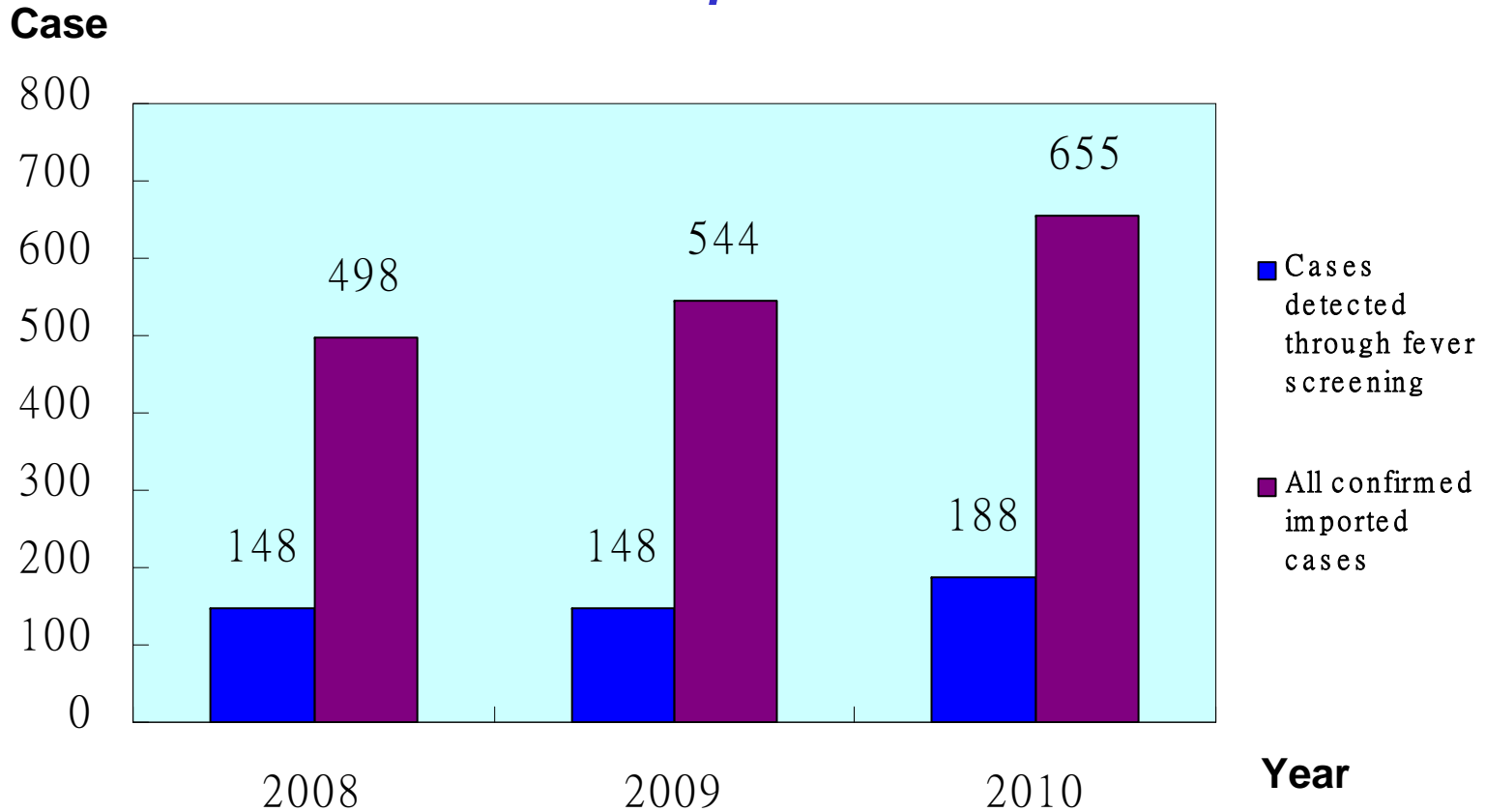
3. Community Epidemic Control

4. Maintaining Medical System Functions

5. Individual and Family Protection



Notifiable diseases detected and confirmed, 2008-2010



Training Center for Travel Medicine establish in 2008





Services of the Training Center

- Offer geographically-specific information on preventable diseases to travelers
- Provide clinical training to medical personnel
- Main services
 - Group pre-travel health education
 - Recommendations for vaccinations and prophylaxis
 - Individualized pre-travel consultation and health education
 - Establishment of a travel medicine outpatient demonstration center



Travel Medicine Training Program

- Provide integrated international travel health consultation
- Track the health of travelers after return
- Conduct travel medicine training and research
- Train travel medicine instructors
- Provide in-service training in travel medicine to doctors
- Widen health education for tour guides and group travelers



■ **Contract hospitals**

2008-2011: CDC signed contracts with 12 hospitals

- **Hospitals to offer travel medicine outpatient services to the public**

■ **Clinic visits**

2009-2010: pre-travel clinical consultation visits totaled >17,000 persons



Duty of tour guides

■ **88% of outbound travels arranged by travel agencies in 2009 and 2010**

■ **Travel health education provided to tour guides**

1. Pre-travel

- Provide outbound travelers basic travel health advice and increase risk awareness
- Assist traveler to attend travel medicine clinics

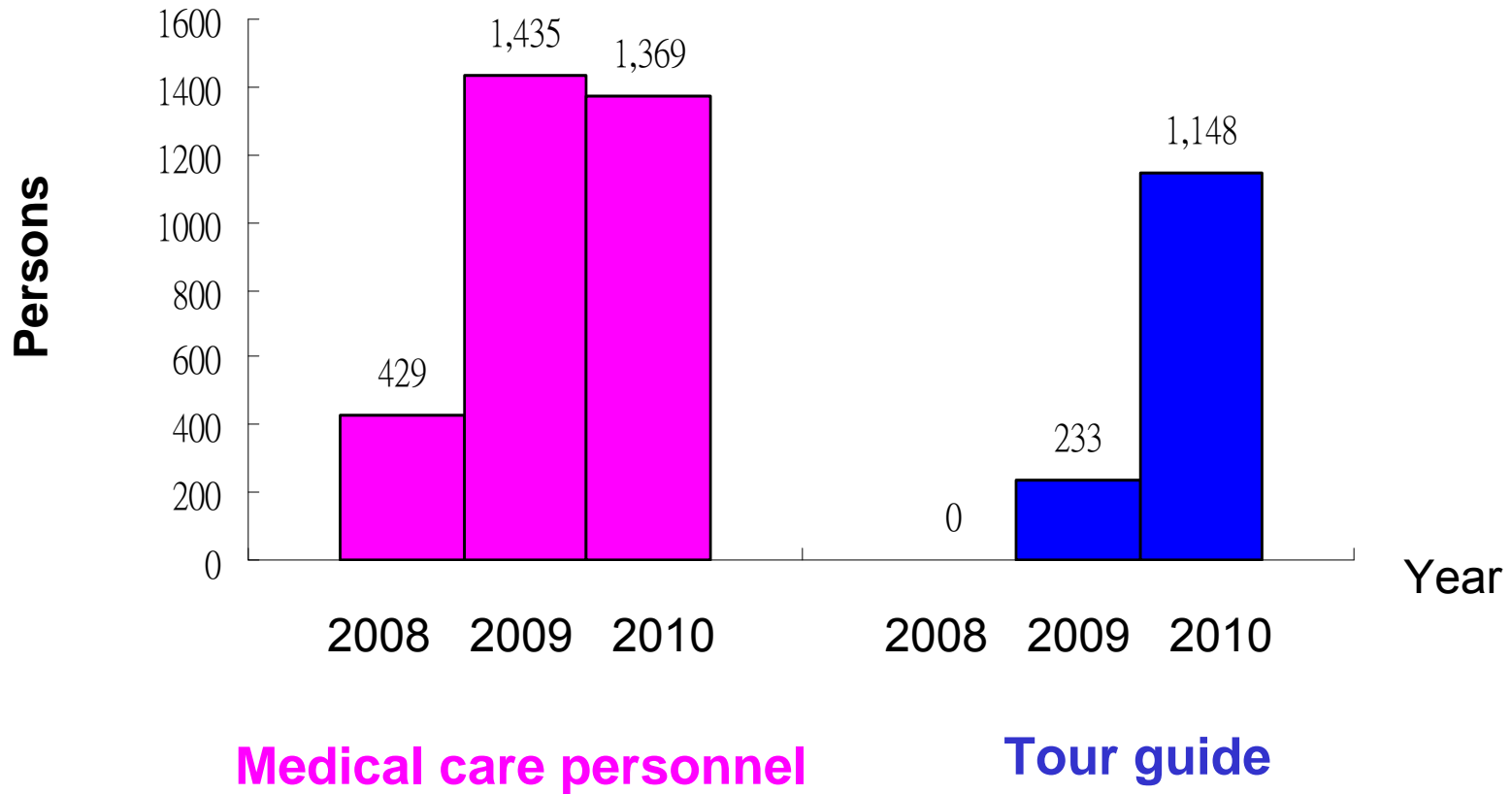
2. During-travel

- Pay attention to the health of travelers
- Assist group member in seeking medical attention

3. Post-travel

- Report unusual health condition to **quarantine officers** upon returning
- Provide travel group member list and itinerary when necessary

Travel medicine training attendance, 2008-2010





“Travelers' Health” webpage set up in 2008

疾病管制局全球資訊網
Centers for Disease Control, R.O.C.(Taiwan)

http://www.cdc.gov.tw

日期：2011/11/8

您在這裡：首頁 > 國際旅遊資訊

國際旅遊資訊

美洲 北美洲

英屬百慕達Bermuda

GO

詳細說明

國際旅遊疫情 New
查詢國際旅遊疫情資訊

旅遊傳染病資訊
介紹常見之旅遊傳染病及其預防措施

疫苗
旅行前您可以或必須打那些疫苗來預防可能的傳染病呢?

藥物

旅遊醫學門診相關訊息
你是否知道到哪裡接種國際預防注射

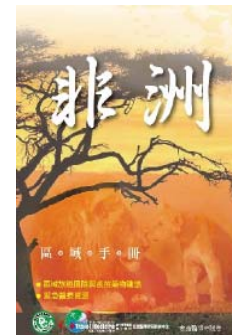
保健建議
旅行中還可以採取那些預防措施來保障自己的健康呢...

衛教宣導
各類疾管局製作之旅遊相關衛教單張及宣導短片，歡迎自行下載

國際旅遊疫情推薦網站

“Travelers' Health” webpage

1. International outbreaks
2. Travel health information, health advices, and information for specific groups
3. Vaccines, vaccination sites, and prophylactic drugs
4. Statistics on imported cases
5. Related links to local and international websites concerning travel health and travel medicine
6. Online-Learning website course
7. Health education pamphlets
 - Clinical guide to Travel Medicine, Pocket book,--





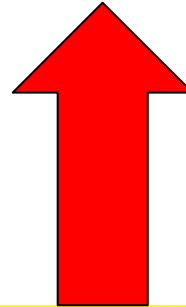
Hotline 1922

- The **toll-free** Communicable Disease Reporting and Consultation Hotline
- Offer information on international epidemics and infectious diseases



Prevent imported infectious diseases

Outbound
citizens



Inbound
foreigners

CDC

1. Cooperate with

- (1) Tourism Bureau
- (2) Training center
- (3) 12 Hospital

2. Travelers Health webpage

3. 1922

4. Fever screening

Travel Medicine

1. Travel clinics

2. Pre-travel consultation

3. Health education

4. Tracking health of travelers after return

5. Symposium

Tour Guide

1. Pre-travel

2. During - travel

3. Post-travel



Air travel restriction (September 2007)

Infectious Tuberculosis

patient must not take flights ≥ 8 hours

270 cases uploaded daily

Multidrug-Resistant Tuberculosis

patient must not take flights regardless of flight
duration

65 cases uploaded daily



Future prospects

- **Continue Travel Medicine Training Programs**
- **Promote further development of travel medicine research**
- **Cooperate with the Tourism Bureau, Training center and 12 contracted hospitals**
- **Provide certification for tour guides**
- **Increase contract hospitals to widen travel medicine services**
- **Collaborate with other APEC economies**



Thank you